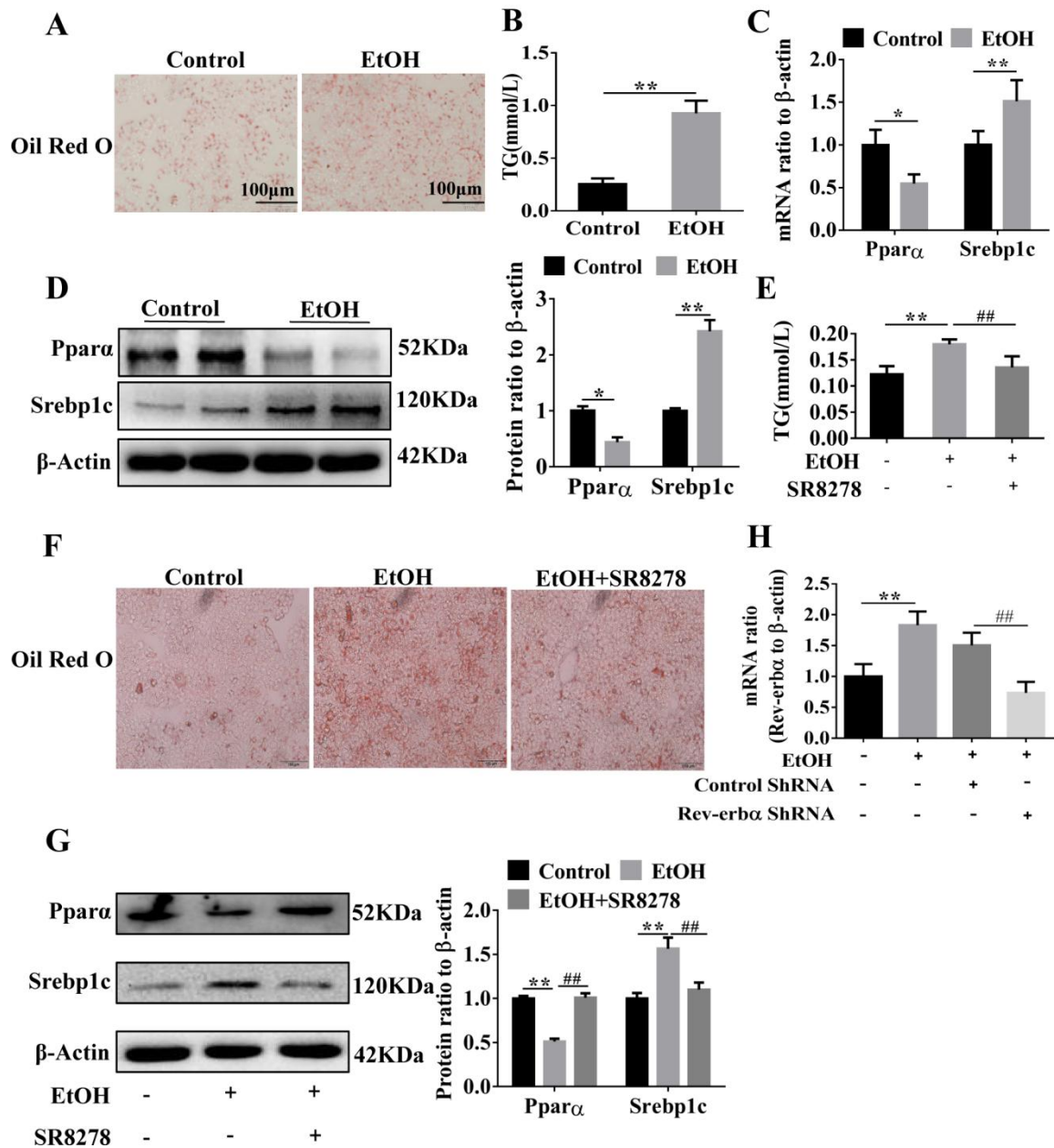
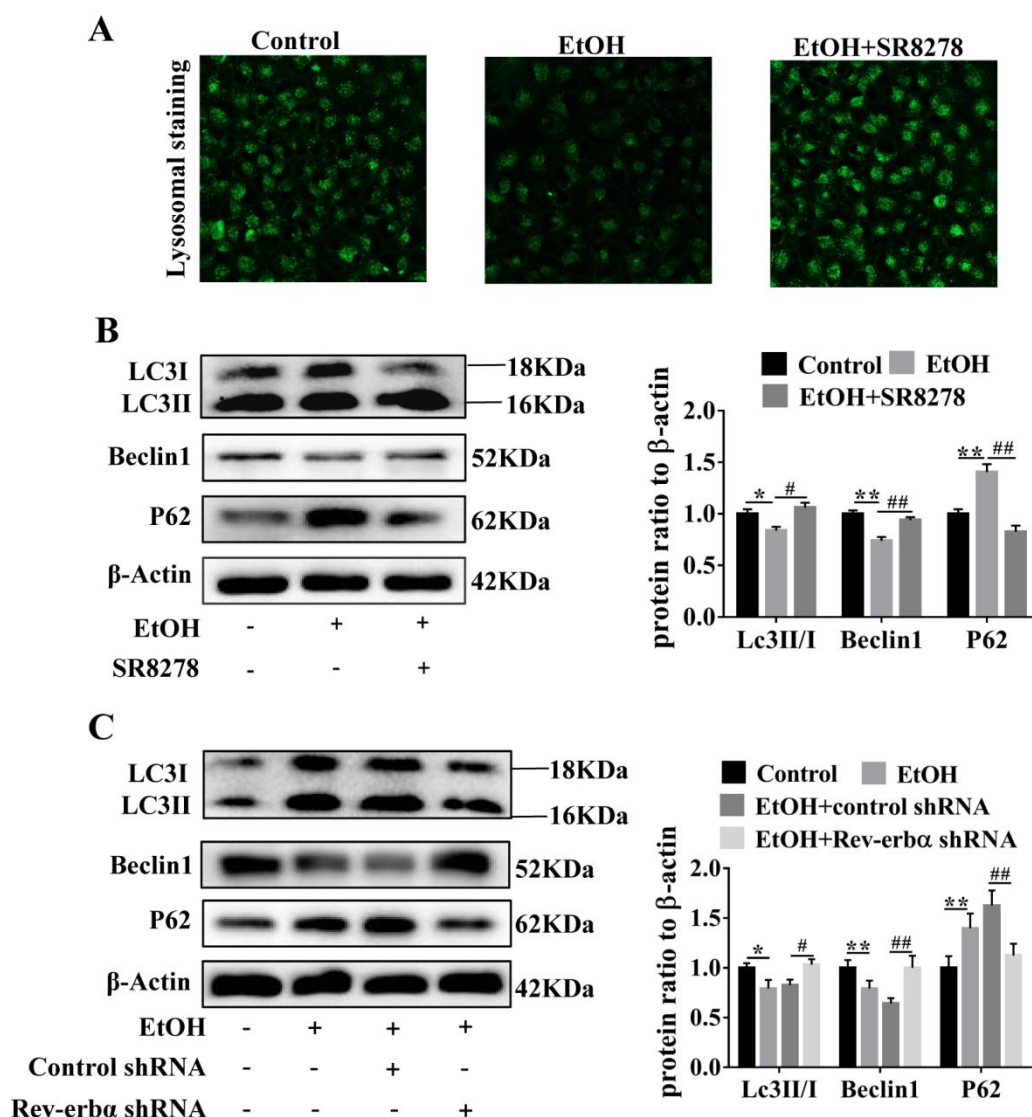


**Fig. S1**



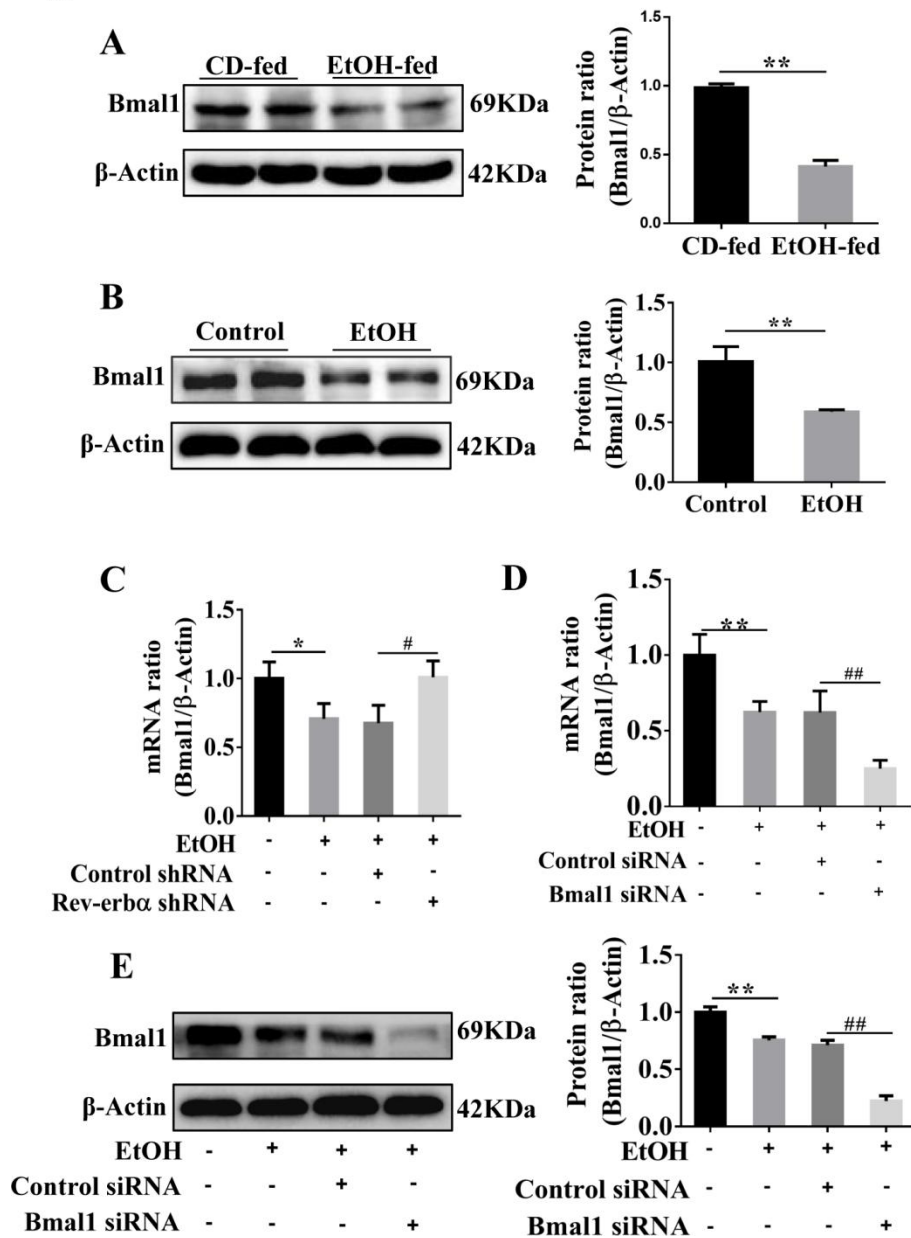
**Figure S1. 150 mmol/L EtOH incubation induces steatosis in L02 cells and steatosis was ameliorated by SR8278 treatment or Rev-erbαshRNA transfection in EtOH-treated L-02 cells.** (A) (B) Oil Red O staining and the Content of TG analysis in Control and EtOH group (Scale bar =100 μm). (C) (D) qRT-PCR and Western blot analysis of Pparα and Srebp1c in Control and EtOH group. EtOH-treated L-02 cells were treated with or without 10 μM SR8278 for 24 h. (E) (F) Oil Red O staining and TG content in EtOH-treated L-02 cells treated with SR8278 (Scale bar =100 μm). (G) Western blot analysis of Pparα and Srebp1c in EtOH-treated L-02 cells after SR8278 treatment. (H) qRT-PCR analysis of Rev-erbα in EtOH-treated L-02 cells transfected with Rev-erbαshRNA. (n=3). Bar represents the mean ± S.E.M.. Significance \*  $P < 0.05$ , \*\*  $P < 0.01$  vs. Control group. # $P < 0.05$ , ##  $P < 0.01$  vs. EtOH group.

**Fig. S2**



**Figure S2. Autophagy activity was improved by SR8278 treatment or Rev-erbαshRNA transfection in EtOH-treated L-02 cells.** (A) Lysosome staining with Lyso Tracter Green DND-26 in EtOH-treated L-02 cells treated with SR8278 (Scale bars=40 μm). (B) Western blot analysis of Lc3II/I, Beclin1 and P62 in EtOH-treated L-02 cells treated with SR8278. (C) Western blot analysis of Lc3II/I, Beclin1 and P62 in EtOH-treated L-02 cells in EtOH-treated L-02 cells transfected with Rev-erbα shRNA (n ≥3). Bar represents the mean ± S.E.M.. Significance \*  $P < 0.05$ , \*\*  $P < 0.01$  vs. Control group. #  $P < 0.05$ , ##  $P < 0.01$  vs. Control shRNA group.

**Fig. S3**



**Figure S3. Bmal1 was up-regulated in EtOH-treated L-02 cells and was regulated by Rev-erba.** (A) Western blot analysis of Bmal1 in the liver of EtOH-fed mice ( $n \geq 6$ ). (B) Western blot analysis of Bmal1 in EtOH-treated L-02 cells ( $n \geq 3$ ). Bar represents the mean  $\pm$  S.E.M.. Significance \*  $P < 0.05$ , \*\*  $P < 0.01$  vs. EtOH-fed group or EtOH group. (C) qRT-PCR analysis of Bmal1 in EtOH-treated L-02 cells transfected with Rev-erba shRNA ( $n \geq 3$ ). Bar represents the mean  $\pm$  S.E.M.. Significance \*  $P < 0.05$ , \*\*  $P < 0.01$  vs. Control group, #  $P < 0.05$ , ###  $P < 0.01$  vs. Control shRNA group. (D) (E) qRT-PCR and western blot analysis of Bmal1 in EtOH-treated L-02 cells transfected with Bmal1 siRNA ( $n \geq 3$ ). Bar represents the mean  $\pm$  S.E.M.. Significance \*  $P < 0.05$ , \*\*  $P < 0.01$  vs. Control group, #  $P < 0.05$ , ###  $P < 0.01$  vs. Control siRNA group.